

BARIT, S.Yu., inzhener; SHIRKATOV, N.V., inzhener.

Demonstration building in 1955 and our problems. Stroi.prom.
vest.prom. 2 no. 4-8 Je 57. (MIRA 10:7)
(Construction industry) (Petroleum industry)

SHIRYAYEV, N.V., inzh.

Selecting a method for laying pipelines in swampy areas. Stroi. pred.
neft. prom. 3 no.4:8-10 Ap '58. (MIRA 11:5)
(Pipelines)

SHIRYAYEV, I.A.

BARDIN, I.P., akademik, otv.red.; STRUMILIN, S.O., akademik, red.; SHEVYAKOV, L.D., akademik, red.; SHCHERBAKOV, D.I., akademik, red.; ANTIPOV, M.I., red.; BELYANCHIKOV, K.P., red.; BRODSKIY, V.B., red.; YEROFYEV, B.N., red.; LIBERMAN, A.Ya., red.; MELESHKIN, S.M., red.; ORLOV, I.V., red.; SMIRNOV-VERIN, S.S., red.; RIKMAN, V.V., red.; SAMARIN, A.M., red.; SLEDZYUK, P.Ye., red.; SKOBNIKOV, M.L., red.; SOKOLOV, G.A., red.; FREY, V.I., red.; KHLESNIKOV, V.B., red.; SHAPIRO, I.S., red.; SHIRYAYEV, P.A., red.; KUDASHEV, A.I., red.izd-va; KUZ'MIN, I.F., tekhn.red.

[Magnetite ores of the Kustanay Province and their exploitation]
Magnetitovye rudy Kustanaiskoi oblasti i puti ikh ispol'zovaniya.
Otvetsvennyi red. I.P. Bardin. Moskva, Izd-vo Akad. nauk SSSR, 1958. 489 p. (Zhelezorudnye mestorozhdeniya SSSR). (MIRA 12:2)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany neдр.
(Kustanay Province--Magnetite)

18(0) PHASE I BOOK EXPLOITATION 307/1728

Al'mendiyevskiy SSSR. Institut metallurgii

Sovremennyye problemy metallurgii (Modern Problems in Metallurgy)

Moscow, Izdatel'stvo MASH, 1958. 640 p. 3,000 copies printed.

Reep. Ed.: A.M. Zavarzin, Corresponding Member, USSR Academy of

Sciences; Eds. of Publishing House: V.S. Rukhovich, and

A.M. Durnov; Tech. Ed.: T.V. Pelyukova.

PREFACE: This book is intended for scientific and technical per-

sonnel in the field of metallurgy.

CONTENTS: This is a collection of articles on certain aspects of

Soviet metallurgy. The book is dedicated to Academician

Ivan Pavlovich Bardin on the occasion of his 75th birthday. The

book is divided into seven parts. The first part consists of

two articles presenting a brief account of the biography and

scientific activity of the Soviet metallurgist, I.I. Il'in.

Articles by I.I. Il'in, Nicholas Grant, and John Elliott (U.S.A.)

describing their meeting with Bardin in Moscow and also his

visit to the United States. The second part consists of three

articles and deals with raw materials and fuels for the Soviet

metallurgical industry. The third part represents the major

portion of the book. It consists of 25 articles dealing with

the various aspects of the metallurgy of pig iron and steel.

The fourth part consists of two articles treating the metal-

lurgy of nonferrous metals. The fifth part consists of three

articles on the forming of metals. The sixth part consists of

eight articles discussing certain aspects of physical metal-

lurgy. The last part deals with general problems in the field

of metallurgy. References are given after each article. No

permeabilities are mentioned.

TABLE OF CONTENTS:

Modern Problems in Metallurgy

Outstanding, N.Ye. and L.F. Khodak (Candidates of Technical

Sciences, Metallurgical Institute Lenin A.A. Barkov, AS USSR).

The Thermodynamic Condition of the Growth in Connection With the

Investigation of the Combustion Process During Production of

Perovskites and Primary Pig Iron

Shurayev, P.A. (Engineer, Director, State Institute for the

Design and Planning of Metallurgical Plants). Effectiveness

of Constructing Large Standard Blast Furnaces

Probst, A.Ye. (Professor, Doctor Economic Sciences, Committee

for the Study of Production Forces, AS USSR). Effect of

the Development of Pig-Iron Production in Electrical

Power Plants in Western Siberia and the Far East (Soviet)

National Economy

Khokhlov, V.V. (Doctor of Technical Sciences), O.A. Arkhipov

(Candidate of Technical Sciences), and V.I. Korotich (En-

gineer). The Use of Gaseous-oxide Mixtures in Blast

Furnaces

Card 7/12

AUTHOR: None Given 30-58-5-37/45
TITLE: Granting of awards (Priznaniye premii)
 Council for the Investigation of Productive Power
 (Sovet po izucheniyu produktivnoy sily)
PERIODICAL: Vestnik Akademi Nauk SSSR, 1958, No 5, pp. 111-111
 (USSR)
ABSTRACT: 1) I. F. Gardin, Member, Academy of Sciences, L. V. Pastovalov,
 corresponding member of the AS USSR, V. A. Sokolov, doctor
 of geological-mineralogical sciences, S. S. Shirmov-Vorin
 (posthumous), candidate of technical sciences, I. S. Shapiro,
 V. B. Brodskiy and P. A. Shiryayev, candidates of economy, to
 the authors' collective for the work: "Iron-ore basis of the
 Iron Metallurgy of the USSR".
 2) A. Ye. Probst, doctor of economy, A. I. Aleksandrov, candidate
 of technical sciences, V. B. Brodskiy and A. B. Bessmertnyy,
 candidates of economy, V. I. Ovsyannikov, to the of authors'
 collective for the work: "Developmental Perspectives of the
 Electric Shaft Furnace in the East of the USSR (Eastern Siberia
 and Far East)"

Card 1/1

BARDIN, Ivan Pavlovich, akademik; ~~SHIRYAYEV, Petr Andreyevich~~, kand.
ekon.nauk; KOMAROVA, T.F., red.; ATROSHCHENKO, L.Ye., tekhn.red.

[Third metallurgical center of the U.S.S.R.] Tret'ia metallurgi-
cheskaya baza SSSR. Moskva, Izd-vo "Znanie," 1959. 47 p. (Vse-
soiuznoe obshchestvo po rasprostraneniю politicheskikh i nauch-
nykh znaniy. Ser.3, Ekonomika, no.34) (MIRA 12:11)
(Siberia--Metallurgical plants)

SHAPIRO, Izrail' Solomonovich; BARDIN, I.P., akademik, red.; OSALA, P.A.,
red.; SHIRYAYEV, P.A., red.; PONOMAREVA, A.A., tekhn.red.

[Kazakhstan is a new supply center of ferrous metallurgy] Kazakh-
stan - novaya baza chernoi metallurgii. Moskva, Gosplanizdat, 1959.
68 p. (MIRA 13:2)

(Kazakhstan--Iron mines and mining)
(Kazakhstan--Coal mines and mining)

1997/2003

Abstracts sent 1982. None for 1983; no publications published in 1984 or 1985.
Campaign on violence (Parrish Hallway) Nov 1977, Feb to Apr 1982, 1983
7/7/79. (Notes: Sanctions published in 1984 and 1985; no publications since)
Errors also corrected. 2,000 copies printed.

[illegible]

PURPOSE: This collection of papers is intended to furnish information on materials resources in Eastern Siberia and to provide a basis for future development planned in the field of ferrous metallurgy.

CREDITS: The collection is a summary of the proceedings of the Primo Military Section of the First Conference of Representatives of the Academy of Sciences (Moscow), the State Planning Commission, and the Committee of Public Collections dealing with their mutual needs at development in Soviet livestock: 1) Meat, 2) Meat products, 3) products for the development of fur animal industry, and 4) problems in the development of biotechnology. A list of the 122 members of the section and their affiliations is given in the Appendix. References to the complete report of the activities.

SECTION III. POWERS FOR THE ATTORNEY OR
PERSON INSTALLED IN EASTERN AFRICA

Editorial Note: Prospects for the Development of Petrina Recollery in Eastern Siberia and Its Role in the Establishment of a Third Industrial Base in the USSR

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to the East of Lake Baykal

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is known as the "A-100" program for the development of persons who are known as "A-100" Key.

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Abstracts: Effectiveness of the New Metallurgical Practice in Siberia

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PLANTS OF EASTERN SIBERIA

Index of Eastern Siberia

129

Case 6/8

BARDIN, I.P., akademik, otv. red.[deceased]; BELYANCHIKOV, K.P., nauchnyy red.; YEROFEYEV, B.N., nauchnyy red.; ZVIYAGIN, P.Z., nauchnyy red.; KOSHELEV, V.V., nauchnyy red.; MELESHKIN, S.M., nauchnyy red.; MIRLIN, G.G., nauchnyy red.; MOSKAL'KOV, Ye.F., nauchnyy red.; POKROVSKIY, M.A., nauchnyy red.; SLEDZYUK, P.Ye., nauchnyy red.; FINKELSHTEYN, A.S., nauchnyy red.; KHARCHENKO, A.K., nauchnyy red.; SHEVYAKOV, I.D., akademik, nauchnyy red.; SHAPIRO, I.S., nauchnyy red.; SHIRYAYEV, P.A., nauchnyy red.; OKHRIMYUK, Ye.M., nauchnyy red.; YANSHIN, A.L., akademik, nauchnyy red.; MAKOVSKIY, G.M., red.izd-va; VOLKOVA, V.G., tekhn. red.

[Oolitic iron ores of the Lisakovka deposit in Kustanay Province and means for their exploitation] Oolitovye zheleznye rudy Lisakovskogo mestorozhdeniya Kustanaiskoi oblasti i puti ikh ispol'zovaniya. Moskva, Izd-vo Akad. nauk SSSR, 1962. 234 p. (Zhelezorudnye mestorozhdeniya SSSR [no.1]) (MIRA 15:12)

1. Akademiya nauk SSSR. Institut gornogo dela.
(Kustanay Province—Iron ores)

BRYUKHANENKO, B.A., dotsent, kand. ekonom. nauk; BEN', T.G.;
GERSHTENKERN, S.Ya.; KAGAN, I.S.; PRAVDIN, M.V.; STOJNIY, A.F.;
KHAKHALINA, A.N.; CHERNIKHOV, V.S.; KOBILYAKOV, I.I., dotsent,
kand. ekonom. nauk; SHIRYAYEV, P.A., kand. ekonom. nauk

"Economic aspects of ferrous metallurgy" by N.P. Bannyi,
V.B. Brodskii, IA.A. Oblomskii, V.V. Rikman, L.N. Roitburd.
Reviewed by B.A. Briukhanenko and others. Stal' 22 no.6:
562-565 Je '62. (MIRA 16:7)

1. Dnepropetrovskiy metallurgicheskii institut (for Ben',
Gershtenkern, Kagan, Pravdin, Stogniy, Khakhalina, Chernikhov).
2. Dneprodzerzhinskii metallurgicheskii zavod-vtuz (for
Kobilyakov).

(Iron industry)	(Steel industry)
(Brodskii, V.B.)	(Oblomskii, IA.A.)
(Rikman, V.V.)	(Roitburd, L.N.)

KHAKHALINA, Anastasiya Nikolayevna; BEL'GOL'SKIY, Boris Petrovich;
SHIMYAYEV, F.A., red.; LEVIT, Ye.I., red. izd-va; KARASEV,
A.I., tekhn. red.

[Economics, organization and planning of steel production
in open-hearth furnaces] Ekonomika, organizatsiia i plani-
rovanie martenovskogo proizvodstva stali. Moskva, Metal-
lurgizdat, 1964. 199 p. (MIRA 17:4)

SHIRIAYEV, P.Kh. —

Selecting the optimum work balance among the units of
drilling departments. Neft. khoz. 40 no.5:9-11 My '62.
(MIRA 15:9)

(Oil well drilling)

... ..

1. The first three of the upper parts of the Angara-III-type Iron-ore deposits as revealed by a study in the Engayev deposit. Geol. Sci. Ser. 194. no. 7:127-134, 1960. (MIRA 18:9)

[illegible]

AKSENOV, P.V., kand. tekhn. nauk; SHIRYAYEV, P.P.

Controllability of independent semitrailers. Avt. prom. 29
no.11:16-18 N '63. (MIRA 16:12)

1.1.1.1.1.1.

Approximate method for calculating contact stresses at the base
of a horizontal strip on a sand foundation. Skor. dokl. po gids. VNIIG
no.4:111-129 1962. (MIRA 18.7)

PROGNIMAK, D.Ya.; NEYENBURG, V.Ye.; MILOVA, L.M.; SHIRYAYEV, R.V.

Technical and economic analysis of coal production in the
hydraulically mined section of "Novo-Grodovka" Mine No.3.
Sbor.DonUGI no.22:20-28 '61. (MIRA 15:6)
(Donets Basin--Hydraulic mining)

LYUBIMOV, R.V.; OBOBIN, B.I.; SHIRYAYEV, S.A.; DOBRIN, Z.Ye.; SHALKOV, K.
A.; YAKOVLEV, A.I.

Tunnel kiln operating on liquid fuel for burning fireclay articles.
Ogneupory 26 no.11:494-497 '61. (MIRA 17:2)

1. Vsesoyuznyy institut ogneuporov (for Lyubimov, Oborin, Shirayev).
2. Borovichskiy kombinat ogneuporov (for Dobrin, Shalkov, Yakovlev).

GORDEYEV, N.P.; RUTMAN, Z.M.; SHIRYAYEV, S.A.

Development of the use of heat by the refractories industry.
Ogneupory 27 no.11:516-520 '62. (MIRA 15:11)

1. Vsesoyuznyy institut ogneuporov.
(Kilns)
(Refractories industry—Equipment and supplies)

... from the ... five-year plan, Grozny, Chikotnoe,

CONFIDENTIAL - EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

SHIRYAYEV, Sergey Dmitriyevich

[Guide to the Northern Caucasus] Putevoditel' po Severnomu Kavkazu.
Stavropol', Stavropol'skoe knizhnoe izd-vo, 1960. 380 p. map.
(MIRA 14:7)

(Caucasus—Guidebooks) (Caucasus—Camping)

SHIRAYEV, Sergey Dmitriyevich, Prinsipal uchastiye MORGUNOV, B.P.
MIKITIN, V.A., al'pinist, red.; SKLYARENKO, V.V., al'pinist,
red.; ONILOVSKIY, V.G., red.; KHARCHENKO, L.I., red.;
STEBLYANKO, T.V., tekhn.red.

[Across the Northern Caucasus] Po Severnomu Kavkazu. Stavropol',
Stavropol'skoe knizhnoe izd-vo, 1960. 380 p.

(MIRA 13:12)

(Caucasus, Northern--Guidebooks)

SHIRYAYEV, Sergey Dmitriyevich

[The seven-year plan in action; struggle of workers in the Chechen-Ingush A.S.S.R. to fulfill the seven-year plan for the development of the national economy ahead of schedule] Semiletka v deistvii; bor'ba trudiashchikhsia Checheno-Ingushskoi ASSR za dosrochnoe vypolnenie semiletneho plana razvitiia narodnogo khoziaistva. Grosnyi, Checheno-Ingushskoe knizhnoe izd-vo, 1961. 109 p. (MIRA 15:10)
(Chechen-Ingush A.S.S.R.—Economic policy)

YAN TSZYAN'-BHY [Yang Chien-peí]; STARODUBROVSKAYA, V.N.; KONOVALOV,
Ye.A.; GUAN' DA-TUN [Kuan Fa-t'ung]; OLEYNIK, I.P.; SEMENOVA,
L.S.; KHE LI [He Li]; CHZHAN SY-TSYAN' [Chang SSM-ch'ien];
VOINOV, A.M.; SHIRYAYEV, S.L.; KURAKIN, V.A.; STUPOV, A.D., red.;
KANAVSKAYA, T.M., red.; GERASIMOVA, Ye.S., tekhn.red.

[Economy of the Chinese People's Republic, 1949-1959] Ekonomika
Kitaiskoi Narodnoi Respubliki, 1949-1959. Moskva, Gosplanizdat,
1959. 304 p. (MIRA 13:5)

1. Zaveduyushchiy sektorom ekonomiki stran narodnoy demokratii
Instituta ekonomiki AN SSSR (for Stupov).
(China--Economic conditions)

SHIRYAYEV, Stepan Lavrent'yevich; NIKOL'SKIY, M.M., otv. red.;
SMAVZYUK, O.L., red.izd-va; BERESLAVSKAYA, L.Sh., tekhn.
red.

[Transportation in the Chinese People's Republic] Transport
Kitaiskoi Narodnoi Respubliki. Moskva, Izd-vo Vostochnoi lit-
ry, 1962. 107 p. (MIRA 16:5)
(China--Transportation)

CHURIN, Kh.D., kand. sel'khoz. nauk; SHIRYAYEV, Sh.V., kand. ekon.
nauk; MERKULOV, O., red.kart

[Agriculture in Kazakhstan on the upsurge] Sel'skoe kho-
ziaistvo Kazakhstana na pod"eme. Alma-Ata, 1963. 55 p.
(Obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh
znaniy Kazakhskoi SSR. Seriya: Za vysokuiu kul'turu zemle-
deliia, no.5) (MIRA 17:4)

1. SMIRNOV, V.
2. USSR (600)
4. Lumbering-Accounting
7. Accounting of logging. Bukhg. uchet. no. 3 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

SHIRYAYEV, V. (Khar'kov)

The teaching of machine maintenance. Prof.-tekh.obr. 12 no.12:
10-11 D '55. (MLRA 9:3)

1. Zamestitel' direktora po uchebno-proizvodstvennoy chasti
uchilishcha mekhanizatsii sel'skogo khozyaystva No.6.
(Technical education)

SHIRYAYEV, V.

Overhauled by the crew. Pozh.delo 5 no.7:23 Jy '59.
(MIRA 12:9)

1. Nachal'nik komandy Chistopol'skogo sudoremontnogo zavoda
(Tatarskaya ASSR).
(Fire engines--Maintenance and repair)

SHIRYAYEV, V., inzh.

Cupola furnace of a closed type. Okhr. truda i sots. strakh. 3
no.5:69-70 My '60. (MIRA 13:12)
(Cupola furnaces)

SHIRYAYEV, V.

Improved ladder fastenings. Pozh.delo 7 no.4:27 Ap '61.
(MIRA 14:4)

1. Nachal'nik pozharnoy komandy, g. Chistopol', Tatarskaya ASSR.
(Fire departments--Equipment and supplies)

SHIRYAYEV, V.F., gvardii inzhener-polkovnik

Repair practice for students. Vest. protivovozd. obor. no. 3:68-69
Mr '61. (MIRA 14:7)

(Radar, Military)

LAPSHIN, F.S.; SHIRYAYEV, V.I.

Putting the Krasnodar Hydrolysis Plant into operation. Gidroliz. 1 lesokhim.
prom. 10 no.8:20-21 '57. (MIRA 10:12)

1. Direktor Krasnodarskogo gidroliznogo zavoda (for Lapshin). 2. Glavnyy
inzhener proyekta, Krasnodarskiy gidroliznyy zavod (for Shiryayev).
(Hydrolysis)

8(3)

PHASE I BOOK EXPLOITATION

NOV/1966

Moscow. Nauchno-issledovatel'skiy institut postoyannogo toka

Peredacha energii postoyannaya i peremennaya tokom (Power Transmission by Direct and Alternating Current) Moscow, Gosenergizdat, 1958. 334 p. (Series: Its: Izvestiya, sb. 3) 3,350 copies printed.

Ed.: Piatov, A.N.; Tech. Ed.: Voronetskaya, L.V.; Editorial Board: Shchedrin, S.N., Doctor of Technical Sciences, Corresponding Member, USSR Academy of Sciences, Professor (Chief Ed.); Gertsik, A.K., Engineer; Tsel'manov, V.I., Candidate of Technical Sciences; Piatov, V.P., Candidate of Technical Sciences; Piatov, A.K., Candidate of Technical Sciences; Piatov, A.V., Candidate of Technical Sciences; Anan, L.A., Doctor of Physical and Mathematical Sciences, Professor; Gnil, N.B., Engineer; Shukhtina, N.G., Candidate of Technical Sciences.

FOREWORD: This collection of articles, issued by the USSR Ministry of Electric Power Stations, is intended for scientists, engineers and designers of high-voltage overhead transmission lines.

Card 1/13

Shukhtina, N.G. Grid Control System in the Bashira-Moscow D-C Transmission Line 181

The author explains a grid control system for switching-on mercury rectifiers in substations according to a definite sequence. He also formulates practical conclusions and makes recommendations. There are 10 diagrams and 4 Soviet references.

S/137/62/000/005/071/150
ACC6/A101

AUTHORS: Kamenetskaya, D. S., Rakhmanova, E. P., Spektor, Ye. Z., Shiryayev, V. I.

TITLE: On the mechanism of the aluminum effect upon the nucleation of crystallization centers in liquid iron

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 5, 1962, 3, abstract 5116 ("Sb. tr. In-t metallov. i fiz. metallov Tsent. n.-i. in-ta Chernoy metallurgii", 1959, v. 6, 63-75)

TEXT: The authors investigated the effect of low Al admixtures upon Fe-crystallization. Electrolytic Fe (99.76%) and Fe of direct reduction (99.86%) were used as initial materials. It is shown that liquid original Fe, that does not contain active non-soluble impurities and surface active admixtures, is easily supercooled by 260 - 270°C below the melting point. It is supposed that under the described conditions the crystallization centers arise spontaneously. Addition of 0.03% Al eliminates supercooling almost completely. In repeated remelting, supercooling did not increase. On the basis of this fact and also because of the sharp refining of ingot grains, the authors conclude that Al

Card 1/2

On the mechanism of the aluminum ...

S/137/62/000/005/071/150
A006/A101.

acts as a surface-active admixture which reduces the development of crystallization nuclei. The assumption on the effect of Al as an deoxidizer is disproved by the fact that in the experiments with the addition of Al_2O_3 particles, crystallization set in at a greater supercooling than during the addition of Al metal. There are 20 references.

D. Ovsienko

[Abstracter's note: Complete translation]

Card 2/2

S/137/62/000/002/060/144
AC06/A101

AUTHORS: Kapustina, M. I., Kuzema, I. D., Savchenko, A. M., Shirayev, V. I.,
Goltvenko, A. I., Grishina, Ye. N.

TITLE: A rapid method of calculating the efficiency of three-high sheet
rolling mills

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 18, abstract 2D86
("Sb.nauchn. tr. Zhdanovsk. metallurg. in-t", 1960, no. 6, 185 - 198)

TEXT: Calculation data were checked by the oscillographic timing of a mill
operation for all the brigades when rolling the main conventional sheet types of
the mill assortments. A method was developed for calculating the efficiency of
three-high mills on the basis of an analysis of reduction conditions, and force
and power indices of rolling. The theoretical calculation of the efficiency of
sheet rolling mills is given. The problem is discussed how to check the mill
amount of work.

N. Yudina

[Abstracter's note: Complete translation]

Card 1/1

NEFEDOV, O.M.; IVASHENKO, A.A.; MANAKOV, M.N.; SHIRYAYEV, V.I.;
PETROV, A.D.

New method of preparing carbenes. Izv. AN SSSR Otd.khim.nauk
no.2:367 F '62. (MIRA 15:2)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Carbenes)

NEFEDOV, O.M.; SHIRYAYEV, V.I.; PETROV, A.D.

Phenyl carbene from phenyllithium and methylene chloride.
Zhur.ob.khim. 32 no.2:662-663 F '62. (MIRA 15:2)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo
AN SSSR.

(Carbene) (Lithium) (Methane)

S/019/62/000/013/055/058
A154/A126

AUTHORS: Chugreyev, V.I., Yekaterinin, V.S., Shiryayev, V.I.

TITLE: An electroplating, e.g., nickel-plating production line

PERIODICAL: Byulleten' izobreteniy, no. 13, 1962, 61 - 62

TEXT: Class 48a, 1503. No. 148702 (675434/28 of August 2, 1960). 1)
This electroplating, e.g., nickel-plating line consists of a nickel-plating bath and a driven chain conveyor with grips for the objects being nickel-plated. It is distinguished by the fact that, to make the nickel-plating of semicylindrical stereotypes easier, healthier and less labor-consuming, the nickel-plating line has: a live-roll table for feeding the stereotypes; a chamber for cleaning and degreasing the stereotypes, equipped with power-driven rotary brushes, a live-roller table for conveying the stereotypes, and pipes with electromagnetic valves and nozzles for feeding in hot water, a chalk solution, and cold water; a live-roll table for transferring the degreased stereotypes to the grips of the chain conveyor; a chamber which has a pipe with electromagnetic valves and nozzles for washing the nickel-plated stereotypes with hot water and in which there

Card 1/2

USSR

ACCESSION NR: AP4002959

S/0286/63/000/018/0056/0056

AUTHOR: Nefedov, O. M.; Manakov, M. N.; Shiryayev, V. I.

TITLE: Preparative method for linear organoelemental polymers. Class 39, No. 157491

SOURCE: Byul. izobret. i tovarn. znakov, no. 18, 1963, 56

TOPIC TAGS: polymer, linear polymer, organoelemental polymer, group II element, group III element, group IV element, group V element, group VI element, organometallic polymer

ABSTRACT: An Author Certificate has been issued for a preparative method for linear organoelemental polymers containing atoms of group II—VI (with the exception of Si) in the backbone. A mixture of one or more organodihalo derivatives of group II [sic]—VI elements and one or more unsaturated compounds containing an activated double or triple bond are reacted with an alkali metal in an inert organic solvent.

Card 1/2

ACCESSION NR: AP4002959

ASSOCIATION: none

SUBMITTED: 31Aug62

DATE ACQ: 13Dec63

ENCL: 00

SUB CODE: MA, CH

NO REF SOV: 000

OTHER: 000

Card 2/2

SHIRYAYEV, V.I.; TARAN, V.A.; CHERNIN, E.A.; MYSOVSKIY, V.S., dots.
kand. tekhn. nauk, retsenzent

[Principles of automation in foundry practice and the
control and measurement equipment] Osnovy avtomatizatsii
liteinogo proizvodstva i kontrol'no-izmeritel'nye pribory.
Moskva, Mashinostroenie, 1964. 154 p. (MIRA 17:12)

1. Moskovskiy avtomekhanicheskiy institut (for Mysovskiy).

NEFEDOV, G.M.; SHIRYAYEV, V.I.; KHACHATUROV, A.D.

Arylcarbenes from lithium aryls and methylene chloride.
Zhur. ob. khim. 35 no.3:509-520 Mr '65.

(MIRA 18:4)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

NEFEDOV, G.M.; NOVIKOVAYA, N.M.; SHIRYAYEV, V.I.

Comparative reactivity of norcaradiene and cyclopropane in ionic reactions. Dokl. AN SSSR 161 no.5:1089-1092 Ap '65. (MIRA 18:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
Submitted October 16, 1964.

SHIRYAYEV, V.I.

Deformation of section mill stands. Izv. vys. ucheb. zav.;
chern. met. 8 no.9:112-116 '65. (MIRA 18:9)

1. Zhdanovskiy metallurgicheskiy institut.

NEPILAY, J.M.; GALLI, G.; JENNY, T.; SHIRYAYEV, V.I.

Structure and thermal degradation of cyclic and linear polymers of
dimethylsilylene and dimethylmercapylene. Dokl. AN SSSR 161 no.4:822-
825 0 1965. (MIRA 18:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo i Issledovatel'-
skaya gruppy po neorganicheskoy khimii Akademii nauk Vengerskoy
Narodnoy Respubliki, Budapest. Submitted March 26, 1965.

SHIRYAYEV, V.I.; GORENSHTEYN, M.M.

Rigidity of rail and structural steel rolling mill stands during the rolling of lightweight shapes. Izv. vys. ucheb. zav.; chern. met. 7 no.1:107-112 '64. (MIRA 17:2)

1. Zhdanovskiy metallurgicheskiy institut.

83067

S/153/60/003/004/001/006
B004/B058

21.3000
5.2100

AUTHORS:

Golubtsov, I. V., Lapitskiy, A. V., ~~Shiryayev, V. K.~~

TITLE:

The Problem of the Volatility of Niobium Oxides²¹

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i
khimicheskaya tekhnologiya, 1960, Vol. 3, No. 4, pp. 571-574

TEXT: This paper was read at the 1st Intercollegiate Conference on
Radiochemistry, Moscow, April 20-25, 1959. It was the aim of the authors
to measure the pressure of saturated vapors of Nb_2O_5 and NbO_2 in the
temperature range of 1489 - 1905°K by using Nb^{95} . A vacuum furnace of the
type МВП-3М (MVP-3M) and a Knudsen effusion chamber (Fig. 1), the
aperture and container of which were interchangeable and could consist of
molybdenum, tungsten or ceramics, served as testing apparatus. The scheme
of the absorption apparatus made of quartz and tungsten is shown in Fig. 2.
The temperature of the effusion chamber was measured with an optical
ОПИИР-09 (OPIIR-09) pyrometer. In addition to the Knudsen method, the
vapor pressure of N_2O_5 was also measured by the flow method. The apparatus

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Oxides

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B004/B058

used consisted of the MVP-3M furnace, the reaction tube, the installation for air drying, and a gasometer of the Patrikeyev system, type УПСН-1 (UGSP-1). Niobium metal was dissolved, converted into the oxalate complex, precipitated with tannic acid after the addition of Nb^{95} , and annealed to Nb_2O_5 . NbO_2 was obtained from $Nb + Nb_2O_5$ in the TTB-1 (TGV-1) furnace at

10^{-4} torr by heating up to $1250^{\circ}C$. The specific activity of the preparations was determined by means of a gamma tube of a Б-2 (B-2) apparatus. The data for NbO_2 are listed in Table 1, Fig. 3, those for Nb_2O_5 in Table 2, Fig. 3. X-ray examinations showed that NbO_2 was stable under the experimental conditions, and that the container material (molybdenum, tungsten, ceramics) had no influence on the results. For Nb_2O_5 , the X-ray picture showed the appearance of NbO_2 above $1150^{\circ}C$. A thermal dissociation, therefore, takes place in vacuum at high temperatures:

$Nb_2O_5 = 2NbO_2 + \frac{1}{2}O_2$. The authors thank Yl. P. Simanov for his advice, and L. P. Belykh, V. A. Galushkin, and V. G. Pakhomov for assembling the

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The Problem of the Volatility of Niobium
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S/153/60/003/004/001/006
B004/B058

apparatus. There are 3 figures, 2 tables, and 5 references: 1 Soviet,
1 French, and 3 German.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova,
Laboratoriya radiokhimii (Moscow State University imeni
M. V. Lomonosov, Laboratory of Radiochemistry)

4

Card 3/3

SHIRYAYEV, V.L.; AVERKH, V.V.; GRIGOR'YEVA, V.M.; BACHURINA, V.G.;
SHEZHNOVA, L.P.; YE-MOLOVA, O.B.; OGLOBLINA, L.S., red.;
YAKOBSON, L.M., red.

[Antibiotics; collection of methodological instructions of the
supervision and standardization of antibiotic preparations] Anti-
biotiki; sbornik metodicheskikh ukazanii po kontroliu i standarti-
zatsii antibioticheskikh preparatov. Pod red. L.S.Ogloblinoi i
L.M.Iakobson. Moskva, 1959. 134 p. (MIRA 15:3)

1. Gosudarstvennyy kontrol'nyy institut meditsinskikh biologi-
cheskikh preparatov.

(ANTIBIOTICS)

L 1861-66 ENT(m)/ENP(w)/T/ENP(t)/ENP(b) IJP(c) JD

ACCESSION NR: AR5019475

UR/0273/65/000/007/0027/0027, 1/6
621.436-242.004.62 550

SOURCE: Ref. zh. Dvigateli vnutrennego sgoraniya. Otdel'nyy vypusk, Abs. 7.39.225

AUTHOR: Shiryayev, V. M.

TITLE: A study of wear resistance of piston cams in tractor engines

CITED SOURCE: Dokl. Mosk. in-ta inzh. s.-kh. proiz-va, v. 1, no. 4, 1964, 107-114

TOPIC TAGS: wear resistant metal, wear resistance, vehicle engine, engine combustion system, engine piston, aluminum

TRANSLATION: The article presents results of studies carried out to clarify the pattern and causes of wear on surfaces of tractor piston cams, as well as some data obtained in comparative stand tests for wear resistance of pulsation reeled cams used in pistons of the D-37M engine and diamond-bored serial production units. The following conclusions were reached. The effective area in piston cams comprises one of the elements affecting service life of an aluminum piston, hence of the engine, by its wear resistance. Wear on cams after 2000 hr of engine operation, i.e., one season, reaches levels of 60% (or more)

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of the critical clearance, while the comparable figure for the piston pin under the cam is 20 — 30%. The rubbing surface of piston cams is subjected to pulsating tangential and direct stresses; these produce fatigue crumbling of the cam surface. The upper, i.e., most heavily loaded, side of the opening in a piston cam is subjected to maximum wear. Hardening of rubber surfaces of aluminum piston cams by pulsation reeling produced an average improvement of 60% in wear resistance (by comparison to serial production cams in 50 hr cycles of stand tests for wear). Bibl. with 7 titles; 4 illustrations.

SUB CODE: PR, ~~MM~~

ENCL: 00

Card 2/2 *gk*

NIKOLAYEVA, M.M.; LOZOVSKAYA, V.P.; TOKIN, A.N.; SHIRYAYEV, V.F.;
IZOSIMOV, L.I.; NESTEROV, A.D., elektromekhanik

From the editor's mail. Avtom., telem.i aviaz' 7 no.3:44 Mr
'63. (MIRA 16:2)

1. Starshiye elektromekhaniki stantsii Leningrad-Passazhirskiy Moskovskoy distantzii signalizatsii i svyazi Oktyabr'skoy dorogi (for Nikolayeva, Lozovskaya, Tokin, Shiryayev).
 2. Starshiy elektromekhanik Stryyskoy distantzii signalizatsii i svyazi L'vovskoy dorogi (for Izosimov). 3. Balashovskaya distantziya signalizatsii i svyazi Privolzhskoy dorogi (for Nesterov).
- (Railroads--Signaling--Centralized traffic control)

SHIRYAYEV, V. V.
AUTHOR:

Slutsker, L. B., Lt Col, Shiryayev, V. V., Engr-Lt Col, and
Katsenel'son, M. Ye., Engr-Capt

86-58-4-13/27

TITLE:

Radar in Aerial Gunnery Training of Fighter Pilots (Radiolokatsionnyy
Kontrol' pri obuchenii letchikov-istrebiteley vozdushnoy strel'be)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 4, pp 46-49 USSR)

ABSTRACT:

This article describes the use of radar in aerial gunnery training of fighter pilots. According to the author, good results in aerial gunnery depend on how skillfully the fighter pilot manages to maneuver his airplane into a favorable initial position for an attack. The use of a gun camera makes it possible to check only the accuracy in aiming. The problem of how to check the correctness of a pilot's maneuver and to help him to carry out his maneuver properly during an aerial gunnery practice is solved in the author's unit in the following manner: A PSBN-m radar bombsight is installed in the towing airplane. The position of the fighter airplane in relation to the tow target is determined within sufficient accuracy on the PPI screen of the bombsight provided that the difference in altitude between the towing aircraft and the fighter is

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86-58-4-13/27

Radar in Aerial Gunnery (Cont.)

not more than 150-200 m. This method of checking the maneuver of a fighter plane can be used also during the first training flights for interception of unlighted aerial targets on bright nights as well as at twilight. Three diagrams.

AVAILABLE: Library of Congress

1. Pilots - Training
2. Aerial gunnery - Training devices
3. Radar (Airborne) - Applications

Card 2/2

SHIRYAYEV, V.V., inzh.-podpolkovnik.

Simplify the interpretation of photographs taken in aerial gunnery
exercises in long-range aviation units. Vest. Vozd. Fl. 41 no.12:
78-79 D '58. (MIRA 11:12)
(Photography, Military) (Air warfare)

SHIRYAYEV, Viktor Vladimirovich; ROGAL'SKAYA, L.I., red.; NESMYSLOVA,
L.M., tekhn.red.

[Giving instructions in starting engines and driving tractors;
lessons for groups of tractor and machinery operators] Obu-
chenie uchashchikhsia puskii dvigatelei i vozhdeniiu traktorov;
individual'nye zaniatiia s gruppami traktoristov-mashinistov.
Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1961. 30 p.
(MIRA 1447)

(Tractors)

SHIRYAYEV, Viktor Vladimirovich; MEL'MAN, R.Ya., red.; BARANOVA,
N.N., tekhn. red.

[Training students in starting engines and driving
tractors] Obuchenie uchashchikhsia pusku dvigatelei i
vozhdeniiu traktorov; individual'nye zaniatiia s trup-
pami traktoristov-mashinistov. Moskva, Proftekhizdat,
1963. 34 p. (MIRA 17:2)

18(5)

SOV/128-59-5-9/35

AUTHOR: Vasilevskiy, P.F. and Novikov, P.L., Candidates of Technical Sciences, and Shirayayev, V.V., Engineer

TITLE: Technological Control of Cooling of large size Steel Castings in Sand Molds

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 5, pp 18-19 (USSR)

ABSTRACT: The manufacturing of a chromium aluminum thermo couple for exact control of temperature when cooling large size steel castings in sand molds is described. This thermo couple can be used up to 800-900°C. According to Fig. (3) it is adjusted in the sand mold. It consists Fig.(2) of thermo electrodes of 1,2, or 3 mm thickness which are isolated by porcelain covers (4) and a quartz cover (3), wrapped by an interior (1) and exterior (2) jacket of steel. (See also Fig. 1). In the interior is a gauze tube. Furthermore, cooling is achieved by coiled wire. Fig. (4) shows the temperature curve when cooling a casting of 85 tons by a tungsten molybdenum thermo couple of same construc-

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SOV/128-59-5-9/35

Technological Control of Cooling of large size Steel Castings
in Sand Molds

tion. There are 1 photograph and 3 diagrams

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BIDULYA, P.N., doktor tekhn.nauk, prof.; NOVIKOV, P.G., kand.tekhn.nauk;
SHIRYAYEV, V.V., inzh.

Investigating the forced cooling of large steel castings in
foundry molds. [Trudy] TSHIITMASH 97:50-73 '60. (MIRA 13:8)
(Steel castings--Cooling)

"THERMAL TREATMENT OF STEEL CASTINGS IN SOLIDS"

"Thermal Treatment of Large Steel Castings in Solids"

report presented at the 1st Conference on the Interaction of the Casting Mold and the Casting, sponsored by the Inst. of Mechanical Engineering, Acad. Sci. USSR, 25-28 January 1961.

NOVIKOV, P. G.; SIREAEV, V. V. [Shiryayev, V. V.]

Forced cooling of the castings in the molds. Analele metalurgie 15
no.4:163-168 O-D '61.

(Cast iron) (Cooling)

VASILEVSKIY, P.F.; SHIRYAYEV, V.V.

Making large steel castings with control of the cooling process
in the foundry mold. Lit. proizv. no.6:1-6 Je '62. (MIRA 15:6)
(Steel castings--Cooling)

KOVALEV, L.N.; SHIRYAYEV, V.Ye.

Practice of drilling ventilation holes with core-drilling rigs.
Razved. i okh. nedr 27 no.1:45-47 Ja '61. (MIRA 17:2)

1. Ministerstvo geologii i okhrany nedr SSSR.

SHIRYAYEV, V.Z.

Parachute device for cutting machines. Ugol' 36 no.9:32-33 S
'61. (MIRA 14:9)

1. Permskiy nauchno-issledovatel'skiy ugol'nyy institut.
(Coal mining machinery--Safety appliances)

SHIRYAYEV, V.Z.

Control of the wear and corrosion of haulage facilities and other equipment used in the Kizel Basin. Nauch. trudy Perm NIUI no.3: 133-142 '63.

Using polymer materials for protecting mine drainage equipment against corrosion. Ibid.:142-146 (MIRA 17:3)

SHIRYAYEV, Ya.M., aspirant; MELENT'YEV, P.V., doktor tekhn. nauk, prof.

New device for determining the roughness of paper surface.

Izv. vys. ucheb. zav.; mashinostr. no.10:66-79 '63.

(MIRA 17:3)

1. Leningradskiy tekstil'nyy institut.

SHIRYAYEV, YC-A

MINISTRO DE BRUSA S TRESHCH

.. 16(1)

AUTHOR:

Shiryayev, Ye.A. (Leningrad)

SOV/40-22-4-20/26

TITLE:

The Tersion of a Circular Bar With two Cracks (Krucheniye kruglogo brusa s dvumya vrezami)

PERIODICAL:

Prikladnaya matematika i mekhanika, 1958, Vol 22, Nr 4, pp 549 -553 (USSR)

ABSTRACT:

A homogeneous isotropic circular beam is investigated which possesses two radially directed fissures. The depth of the cracks can be different. The problem is solved by means of conformal mappings according to the method given by Muskhelishvili [Ref 1] . At first the circular cross section of the bar interrupted by the two cracks is mapped onto a unit circle with the aid of the transformation :

$$(1.1) \quad z = \sqrt{\frac{d}{a}} \frac{1 + 2a\zeta + \zeta^2 - b\sqrt{1 + 2c\zeta^2 + \zeta^4}}{1 + 2d\zeta + \zeta^2}$$

The parameters a,b,c,d themselves depend again in a very complicated way on the geometric data of the cross section and of the depth of the two cracks. In spite of the relative com-

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The Torsion of a Circular Bar With two Cracks

SOV/40-22-4-20/26

plicatedness of the problem it is possible to set up a complex torsion function which can be explicitly given for different special cases (e.g. equally deep cracks or certain relations of the depth of the two cracks to each other). From these torsion functions one cannot only calculate the stresses on the boundary of the cross section, but also the stresses on the boundaries of the two cracks. For the special case of two equally deep cracks an explicit formula is given which, in the limit case of two cracks passing through the center of the cross section, changes over into the well-known formulas for the torsion of a bar with semicircular cross section. There are 1 figure, and 3 references, 2 of which are Soviet, and 1 English.

SUBMITTED: March 18, 1957

Card 2/2

L 24487-65 EWG(j)/EWP(e)/EWT(m)/EPF(c)/EWA(d)/EPR/EPF(t)/EWP(k)/EWP(z)/
 EWP(c) Pf-4, Pr-4/PS-4 TOPIC MOW/JD/WW/WE

ACCESSION NR: AP4045309

S/0182/64/000/009/0007/0009

AUTHOR: Kolpashnikov, A. I.; Paisov, A. I.; Sakharov, G. S.;
 Shiryayev, Ya. V.

TITLE: Pressing of parts from SAP-2 and SAP-3 aluminum powders in a
 closed die B

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 9, 1964, 7-9

TOPIC TAGS: sintered aluminum powder, SAP2, SAP3, SAP2 closed die
 pressing, SAP3 closed die pressing, optimum pressing temperature

ABSTRACT: The effect of temperature, specific pressure, and lubricants on the formability and the structure of extruded SAP-2 and SAP-3 impeller blades has been investigated. Billets were compacted from APS-2 and APS-3 aluminum powders, containing 11 and 17% Al_2O_3 , respectively. In the extruding blades from SAP billets, the pressure was varied from 20 to 60 kg/mm² and the temperature of the dies, from 500 to 650C; the die cavity was lubricated with graphite lubricant. It was found that in extruding blades from SAP-2 and SAP-3, the billets had to be degassed in a vacuum at temperatures higher than the tempera-

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L 24483-65

ACCESSION NR: AP4045809

ture of extrusion. The optimum extrusion temperature for both SAP-2 and SAP-3 is 620C. Extrusion at higher temperatures facilitates formation of the blade shape but impairs the material structure because of local melting of the aluminum matrix. The nature of the lubricant has a substantial effect on the homogeneity of the structure. Under experimental conditions, a lubricant consisting of graphite powder and "vapor T" oil was the best. Orig. art. has: 6 figures.

ASSOCIATION: none

SUBMITTED: 00

ATD PRESS: 3/21

ENCL: 00

SUB CODE: MM

NO REF SOV: 002

OTHER: 000

Card 2/2

L 15643-66 EWT(1)/EWP(e)/WT(m)/EWP(t)/EWP(k)/EWP(z)/EWP(b) IJP(c) JD/IW
 ACC NR: AT5027914 SOURCE CODE: UR/2536/65/000/062/0005/0013 4/6
 AUTHOR: Sakharov, G. S. (Candidate of technical sciences); Kolpashnikov, A. I. (Doctor of technical sciences, Professor); Paisov, A. I. (Candidate of technical sciences); Shirayev, Ye. V. (Engineer) BH
 ORG: Moscow Aviation Technology Institute (Moskovskiy aviatsionnyy tekhnologicheskiy institut)
 TITLE: Forging and hot stamping of sintered aluminum powder 44.55, 27 44.55, 14
 SOURCE: Moscow. Aviatsonnyy tekhnologicheskiy institut. Trudy, no. 62, 1965. Obra-
 botka davleniyem legkikh splavov (Pressure working of light alloys) 5-13
 TOPIC TAGS: metal stamping, sintered aluminum powder, hot die forging, closed die
 forging, material deformation, metal stress
 ABSTRACT: Currently some organizations can accomplish with a fair degree of success
 the hot stamping of non-intricately shaped SAP (sintered aluminum powder) blanks (con-
 taining 6-11% Al_2O_3). This stamping, however, involves a number of difficulties owing
 to the low plasticity margin of the material. In this connection, the authors present
 the findings of an experimental study of the deformability of SAP by hot stamping.
 The SAP specimens used for forging and hot stamping differed in their Al_2O_3 content
 and as-delivered state: sintered briquets, pressed bars, clad rolled stock, etc., in
 order to determine the stampability of SAP as a function of the state of the specimen.
 UDC: 669.716:621.97.07
 Card 1/2

L 15643-66

ACC NR: AT5027914

The following experiments were performed: free drop forging, hot stamping in open dies, hot stamping in closed dies, high-temperature stamping. The free drop forging of specimens (pneumatic drop hammer with falling weight of 75 kg, hammer block heated to 130-150°C, SAP specimens, 20x20x60 mm, heated to 470-500°C) resulted in their early failure, apparently due to the unfavorable stressed state accompanying this forging technique. Hot stamping in open and closed dies also resulted in early cracking and failure owing to the low plasticity of SAP. However, the experimental hot stamping of Al-clad specimens in open dies produced much more encouraging results, since the cladding of SAP contributes to the healing of all sorts of surface microdefects which represent stress concentrators. Hot stamping in closed dies requires the prior vacuum degassing of SAP (particularly of SAP-2 and SAP-3, with their lower plasticity compared with SAP-1: the optimal hot-stamping temperature for SAP-2 and SAP-3 should be at least 600°C). High-temperature stamping (at 750°C) in a 200-ton vertical hydraulic press can be used to obtain intricately shaped forgings but it has the disadvantage of resulting in some nonuniformity of the distribution of oxide in individual sectors of the forging and hence the forgings thus produced can be used only for minor purposes. Orig. art. has: 10 figures, 1 table.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 000/ OTH REF: 000

Card 2/2

SHIRYAYEV, Ye.Ye.

Some comments on the color design of maps. Geod. i kart. no.11:51-55
N '64. (MIRA 18:2)

KISLICHENKO, A., Inzh.; SHIRAYEV, Yu., Inzh.; SAKRACHIN, V.

For "Elektron-2" receiver. Radio No. 5:47-48 by '65. (MIRA 13:5)

STEPAL ENKO, Stanislav Ivanovich; SHIRYAYEV, Yu., red.; BAKOVETSKIY, O.,
red.; KOKOSHKINA, I., mladshiy red.; CHEFELEVA, O., tekhn. red.

[Scientific and technical cooperation of socialist countries]
Nauchno-tekhnicheskoe sotrudnichestvo sotsialisticheskikh stran.
Moskva, Sotsekgiz, 1962. 86 p. (MIRA 15:12)
(Communist countries---Technology---International cooperation)

GRINSHPUN, S.D.; OTLEV, I.A.; SHIRYAYEV, Yu.D.; PETROVA, Ye.N.

Method for manufacturing piezothermoplastics. Der.prom. 9 no.11:6-7
N '60. (MIRA 13:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy
obrabotki dereva.

(Plastics)

DYSKIN, I.M., kand. tekhn. nauk; SHIRYAYEV, Yu.D., inzh.

Efficient use of bark. Der. prom. 12 no.5:9-10 My '63.
(MIRA 16:7)

(Bark) (Wood-using industries)

OTLEV, I.A.; BYSTROV, S.A., inzh.; SHIRYAYEV, Yu.D., mladshiy nauchnyy
sotrudnik; SVETLOVA, A.F., mladshiy nauchnyy sotrudnik.

Economics of the manufacture of piezothermoplastics. ~~nauch. trudy~~
Nauch. trudy TSNIIMOD no.16:91-99 '63 (MIRA 17:3)

1. Zaveduyushchiy laboratoriyey spetsial'nogo oborudovaniya
dlya proizvodstva novykh materialov TSentral'nogo nauchno-iss-
ledovatel'skogo instituta mekhanicheskoy obrabotki drevesiny
(for Otlev). Laboratoriya spetsial'nogo oborudovaniya dlya
proizvodstva novykh materialov TSentral'nogo nauchno-issledova-
tel'skogo instituta mekhanicheskoy obrabotki drevesiny (for
Bystrov, Shiryayev, Svetlova).

SHIRYAYEV, Yu. Kh.

Present status of the development of the pool of the Yasnaya
Polyana super-horizon in the Yarina-Kemennoloznskoye oil field.
Nefteprom. delo no.2:3-8 '65. (MIRA 18:5)

1. Neftepromyslovoye upravleniye "Polaznaneft".

NIKOLAYEV, T.F.; SHIRYAYEV, Yu.S., red.; LIBMAN, G.I., red.izd-va;
VORONINA, R.K., tekhn.red.

[State budget, credit and money circulation under socialism;
materials on a lecture course in political economy] Gosu-
darstvennyi biudzhët, kredit i deneghnoe obrashchenië pri
sotsializme; materialy k lektzii po kursu politicheskoi eko-
nomii. Moskva, Gos.izd-vo "Vysshaya shkola," 1959. 36 p.
(MIRA 13:3)

(Finance)

SMIRNOV, Aleksandr Dmitriyevich; SHIRYAYEV, Yu.S., red.; SHVEYTSEY,
Ye.K., red, izd-va; MURASHOVA, V.A., tekhn.red.

[Wages under capitalism; lecture on a course in political
economy] Zarabotnaya plata pri kapitalizme; leksiya po kursu
politicheskoi ekonomii. Moskva, Gos.izd-vo "Vysshaya shkola,"
1959. 37 p. (MIRA 13:6)

(Wages)

STANIS, Vladimir Frantsevich; SHIRYAYEV, Yu., red.; MOSKVINA, R.,
tekhn.red.

[Socialist transformation of agriculture] Sotsialisticheskoe
preobrazovanie sel'skogo khoziaistva. Moskva, Izd-vo sotsial'no-
ekonom.lit-ry, 1959. 69 p. (MIRA 13:1)
(Agriculture, Cooperative)

SHIRYAYEV, Yuriy Semenovich; VOZNESENSKIY, L.A., red.; SHVETSER, Ye.K.,
red.izd-va; TITOVA, L.L., tekhn.red.

[Equalizing the general direction of the development of socialist
countries] Vyravniwanie obshchei linii razvitiia sotsialisti-
cheskikh stran. Moskva, Gos.izd-vo "Vysshaya shkola," 1960. 61 p.
(MIRA 13:6)

(Communist countries--Economic conditions)

MOKHOV, Nikolay Ivanovich; SHIRYAYEV, Yu.S., red.; MATSUK, R.V.,
red.izd-va; MURASHOVA, V.A., tekhn.red.

[Average profit and production costs] Sredniaia pribyl'
i tsena proizvodstva. Moskva, Gos.izd-vo "Vysshiaia shkola,"
1961. 25 p. (MIRA 14:4)
(Profit) (Costs, Industrial)

ZOLOTAREV, Vladimir Ivanovich; SHIRYAYEV, Yu., red.; GRIGOR'YEVA, I.,
mladshiy red.; NOGINA, N., tekhn. red.

[World socialist market] Mirovoi sotsialisticheskii rynok. Mo-
skva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 205 p. (MIRA 14:6)
(Communist countries—Commerce)

LIBMAN, Georgiy Izraylovich; SHIRYAYEV, Yu.S., red.; KOTOVA, N.S.,
red. izd-va; MURASHOVA, V.A., tekhn. red.

[Constant growth of socialist production] Nepreryvnyi rost
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Institution: None

Title: Chemical Composition of Khar'kov Tripoli and Their Possible Use
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Original

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Abstract: Investigation of Khar'kov tripoli-like deposits in the areas of Pavlovsk, Gosprom and Zhuravlevka. All 3 specimens of tripoli contain considerable amount of active silica. Rate of fixation of active silica in all samples exceeds within the first 10 days 50% of total active silica, fixed with 1.5 months. Investigated tripoli meet in active silica content as well as in rate of its fixation the specifications of hydraulic additives and can be put to practical use.

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